

(NY-2300/1).

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pp 3-5.

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(NY-2800/11).

Some Problems of the Development of Cement
Industry in USSR, by F. I. Loginov, 5 pp.

RUSSIAN, per, Tsement, No 6, Leningrad, 1958,
pp 6-9.

JPRS-1642-N

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Jun 59

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Industry in USSR, by G. G. Belov, 10 pp.

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JPRS-1781-N

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(NY-2800/3)

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JPRS-1781-N

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93, 448

(NY-2800/28)

Organize Control Over the Fulfillment of
Socialist Obligations, 2 pp.

RUSSIAN, per, Tsement, No 2, Leningrad, Mar-Apr
1959, pp 1, 2.

JPRS - 1866-N

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Econ - construct

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(NY-2800/6)

"The New System of Administration in the Building
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RUSSIAN, per, Tsement, No 3, Leningrad, May-June 1959,
pp 1, 2.

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Measuring the Amount of Fluorine Contained in
Raw Material Mixtures and Clinker, by I. Bogdanova.
RUSSIAN, per, Tsement, Vol 25, No 3, 1959, pp 8-27
CSIRO/No 6780

Sci -
Aug 67

335,158

(NY-2800/12).

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RUSSIAN, per, Tsement, No 1, 1960, pp 1-4.

JPRS 2740

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Jun 60

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(NY 2800/16).

Pay More Attention to Cement Plant Construction 12 pp.

RUSSIAN, per, Tsement, No 3, 1960, pp 1-3.

JPRS 5734

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(NY-2800/18).

Implement Successfully the Decisions of the Central
Committee [Concerning the Building Materials Industry] *2 pp.*

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(NY-2800/20)

Accelerated Technical Progress in the Cement
Industry, 4 pp.

RUSSIAN, per, Tremant, No 5, Sep/Oct 1960,
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JPRS 7920

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KATEN BEI SCHNELLEM ERHITZEN (Particularities
of the Formation of Calcium Silicates at Fast Heating).
5 p. (text in German).
Order from T.I.B. \$1.40

Trans. of Tsement (USSR) 1960, v. 25, no. 5,
p. 21-24.

DESCRIPTORS: *Silicates, Calcium compounds.

62-27014

I. Luginina, I. G.
II. T.I.B.
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bibliothek Hannover.

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Kogan, L.S. and Gol'dshtein, L.Ya.
QUELQUES PROPRIÉTÉS DES CIMENTS FONDUS
(O Nekotorykh Svoistvakh Plavlenykh Tsementov)
(Some Properties of Fused Cements), 18p. (foreign
text included) CNRS-VI 566.
Order from OTS, ETC or CNRS \$1.60 TT-62-28698

Trans. in French of Tsement (USSR) 1960, v. 26,
no. 2, p. 7-13.

DESCRIPTORS: *Cements, Melting, Crystallization,
Mechanical properties.

(Materials, TT, v. 11, no. 9)

TT-62-28698

- I. Kogan, L.S.
- II. Gol'dshtein, L.Ya.
- III. CNRS-VI 566
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Bokshetn, S. Ya.
ÜBER EINEN TYP DES UMH AUFLASSIFIKATORS
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Order from T.I.B. \$1.40

Trans. of Tsment (USSR) 1964, v. 26, no. 2,
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DESCRIPTORS: *Cements, *Separation.

62-27016

I. Bokshetn, S. Ya.
II. T.I.B.
III. Technische Informations-
bibliothek Hannover.

Office of Technical Services

Val'berg, G. S., Zavgorodnii, N. S. and others.
SAUERSTOFFANREICHERUNG DER LUFT BEIM
BRENNEN DES KLINKERS IN SCHACHTOFEN (Oxygen
Concentration in the Air at Burning of Clinkers in
Shaft Kilns). 10p. (text in German).
Order from T.I.B. \$1.55

Trans. of Tsement (USSR) 1960, v. 26, no. 3, p. 3-8.

DESCRIPTORS: Air, *Cements, *Brick, Oxygen,
Sintering furnaces.

62-27011

- I. Val'berg, G. S.
- II. Zavgorodnii, N. S.
- III. T.I.B.
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Produced from molten Slags). 4p. (text in German).
Order from T.I.B. \$1.40

Trans. of Tsement (USSR) 1960, v. 26, no. 3,
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DESCRIPTORS: *Cements, *Slags, *Blast furnaces.

62-27017

I. Ershov, L. D.
II. T.I.B.
III. Technische Informations-
bibliothek Hannover.

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Some Problems on the Heat Evolution of Hardened
Cements, by Ts. G. Ginzburg, V. V. Kind, 9 pp.

RUSSIAN, per, Tsement, Vol XXVI, No 4, 1960,
pp 11-15.

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Sci - Phys

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KONTINUIERLICHES VERFAHREN ZUR AUFBEREITUNG VON ROHMISCHUNGEN ALS GRUNDLAGE EINES VOLLAUTOMATISCHEN ZEMENTWERKES (Continuous Process at the Preparation of Raw Mixtures as Basis of a Fully Automatic Cement Factory).
7p. (text in German).
Order from T.I.B. \$1.55

Trans. of Tsement (USSR) 1960, v. 26, no. 5,
p. 14-18.

DESCRIPTORS: *Cements, Mixtures, Preparation.

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- I. Strelkov, M. I.
- II. Kryzhanovskaya, I. A.
- III. T.I.B.
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Denyakin, Z. A. and Kabanov, V. S.
FEINMAHLUNG VON KREIDE-TON-SCHLAMM IM
DURCHFLUSSDESINTEGRATOR (Fine Grinding of
Chalk-clay Slurries in Disintegrators). Sp. (text in
German).
Order from T.I.B. \$1.40

Trans. of Tsement (USSR) 1960, v. 26, no. 5,
p. 22-24.

DESCRIPTORS: *Milling machines, Clays.

62-27015

- I. Denyakin, Z. A.
- II. Kabanov, V. S.
- III. T.I.B.
- IV. Technische Informations-
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Office of Technical Services

Toropov, N. A. and Volkonskii, B. V.
POLYMORPHIC TRANSFORMATION OF $3\text{CaO} \cdot \text{SiO}_2$
AND THE INFLUENCE OF FERROUS OXIDE ON
 $3\text{CaO} \cdot \text{SiO}_2$ AND OTHER CLINKER MINERALS
(Polimorfnye Prevrashcheniya $3\text{CaO} \cdot \text{SiO}_2$ i Vliyaniye
Zakisl Zheleza na $3\text{CaO} \cdot \text{SiO}_2$ i Drugie Klinkernye
Mineraly) tr. by G. N. Gibson. Mar 61 [6]p. 7 refs.
DSIR Library Communication no. 1041.
Order from OTS or SLA \$1.10

61-27055

Trans. of Tsement (USSR) 1960, v. 26, no. 6, p. 17-20.

DESCRIPTORS: Calcium compounds, *Silicates,
*Cements, Minerals, Crystal structure, Polymorphism,
Transformations, Iron compounds, Oxides.

Experiments show that tricalcium silicate exists in two
modifications. The transition to the high-temperature
modification takes place at 1375°C . The time required
for the disintegration of tricalcium silicate to free cal-
cium oxide and dicalcium silicate, at 1900°C , is about

61-27055

- I. Toropov, N. A.
- II. Volkonskii, B. V.
- III. LC-1041
- IV. Department of Scientific
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(Ot. Brit.)

N L L M. 4044

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GEHALTES IN ZEMENTROHMISCHUNGEN UND
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KOMPLEXONEN (Photogrammetrical Analysis of the
Calcium Content in Cement Raw Mixtures and Clinkers
by using Complexons). 9p. (text in German).
Order from T.I.B. \$1.55

Trans. of Cement (USSR) 1960, v. 26, no. 6,
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DESCRIPTORS: *Cement, *Chemical analysis, Photo-
meters, *Calcium, Laurates.

62-27033

- I. Bogdanova, I. V.
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On the Hydration of the Aluminas-Containing
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Micro-Admixtures of Carbonates, by P. P. Budnikov,
et al.

RUSSIAN, per, Tsement, Vol XXVII, No 1, 1961,
pp 5-9.

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Sci - Chem

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Jul 62

(NY-2800/24).

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~~insert page.~~

*JPRS

USSR

Econ - Construction

26 May 61

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Clinker Minerals on Their Burning Temperature and
Crystal Structure, by Yu. M. Butt, V. V. Timashov.

RUSSIAN, per, Tsement, Vol XXVII, No 2, 1961,
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ILL M. 4768

Sci - Phys

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THE UNITED STATES. [1961] 7p.
Order from OTS or SLA \$1.10

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Trans. of Tsment (USSR) 1961 [v. 27] no. 2, p. 29-31.

DESCRIPTORS: *Cements, Production, Construction
materials industry.

(Materials, TT, v. 7, no. 7)

61-20554

I. Moroz, I. K.
II. Satarin, V. I.

Office of Technical Services

NY-2800

A NEW STAGE IN THE DEVELOPMENT OF THE
CEMENT INDUSTRY, 5 PP.

RUSSIAN, PER, TSEMENT, NO 3, MAY/JUN L961,
PP 2, 3.

JPRS 10331

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NO^{ECON}

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Nov 61

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EFFECT OF WATER ADDED AT THE MILL ON
THE CLINKER GRINDING PROCESS. [1963] 12p
Order from OTS or SLA \$1.60 63-20309

Trans. of Tsement (USSR) 1961, v. 27, no. 3, p. 4-8.

DESCRIPTORS: *Cements, Milling machines,
*Moisture, Temperature, Mechanical properties.

Test results are given of the effect of mill performance
of an addition of a water-air mixture to the last grinding
compartment of the mill, and of the temperature of
the clinker entering the mill. (Author)

Materials, TT, v. 10, no. 12

63-20309

1. Title: Clinker
- I. Krykhtin, G. S.
- II. Pirotskii, V. Z.
- III. Royak, S. M.

Office of Technical Services

(NY-2800)

FOR ANOTHER UPSURGE IN THE CEMENT INDUSTRY,
BY Z. I. LOGINOV, 7 PP.

RUSSIAN, PER, TSEMENT, NO 5, 1961,
PP 3-5.

JPRS 12349

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FEB 62

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(NY-2800)

The Need to Change the Current Prices of Cement,
by A. I. Lyusov, 7 pp.

RUSSIAN, per, Tsement, No 6, Nov/Dec 1961,
pp 17-19.

JPRS 12673

USCR
Econ
Mar 62

183, 410

(NY-2800)

Cement Industry in the Fourth Year of the
Seven-year Plan, 4 pp.

RUSSIAN, per, Tsament, No 1, Jan/Feb 1962,
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JPRS 13673

USSR
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May 62

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(NY-2800)

Broadening the Variety and Improving the
Quality of Cement, by I. I. Kholin, 7 pp.

RUSSIAN, per, Tsement, No 1, Jan/Feb 1962,
pp 3-5.

JPRS 13673

USSR
Econ
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Determination of Slag and Gypsum in Cement by the
Thermographic Method, by N. S. Zavgorodniy.

RUSSIAN, per, Tsament, No 2, 1962, pp 13-15.

NLL RTS 2264 (*Loon*)

Sci - M/M
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Nelidov, V.A.
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MINATION DE LA SURFACE SPÉCIFIQUE DES POU-
DRES (Usovershenstvovanie Metoda Opredeleniya Udel-
noi Poverkhnosti Poroshnov) (An Improvement in the
Method for Determining the Specific Surface of Dusts).
13p. (Foreign text included) 4 refs. GR-829
Order from OTS, ETC or CNRS \$0.80 TT-63-26918

Trans. in French of Tsement (USSR) 1962, v. 28, no. 2,
p. 15-17.

DESCRIPTORS: *Particles, Atmosphere, *Surface area,
Measurement.

(Chemistry--Organic, TT, v. 11, no. 7)

TT-63-26918

- I. Nelidov, V.A.
- II. CNRS-GR-829
- III. Centre National de la Recher --
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Office of Technical Services
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INTRODUCING THE COMPLEX AUTOMATION
OF CEMENT PRODUCTION, BY N. V. GONEBNIK,
A. F. RYBAKOV, 7 PP.

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PP 1-3.

JPRS 14930

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Automatic Control in the Burning of Clinker,
by I. K. Zadyuzhko, A. V. Loshchinskaya.

RUSSIAN, per, Tsement, Vol XXVIII, No 3,
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NLL RTS 2352
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Sychev, M. M. and Astakhova, M. A.
EFFECT OF FINENESS OF THE LIMESTONE COM-
PONENT ON THE BURNABILITY OF CEMENT RAW
MIXES. [1959] 6p. (figs.omitted) 1 ref.
Order from OTS or SLA \$1.10

63-10207

Trans. of Tsement (USSR) 1962 [v. 28] no. 3, p. 12-14.

DESCRIPTORS: *Cements, Mixtures, Combustion,
Calcium compounds, Carbonates, *Calcite, *Marble,
Particles.

(Materials, TT, v. 10, no. 2)

63-10207

I. Sychev, M. M.
II. Astakhova, M. A.

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FOR A MODEL ORGANIZATION OF REPAIR SERVICES IN THE
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JPRS 15372

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THE GROWTH OF THE CEMENT INDUSTRY BETWEEN ~~1963~~
1963 AND 1965, 6 PP

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JPRS 19004

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MAY 63

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REDUCING LABOR EXPENDITURES AT THE BOL'SHEVIK
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WAYS TO REDUCE THE MANUFACTURING COST OF CEMENT,
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AUG 63

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SOME SOURCES FOR INCREASING CEMENT PRODUCTION, BY
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Cement Production in the USSR, by V. I. Satarin,
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JPRS 24158

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Rising Cement Production and Consumer Needs Call
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A. N. Lyusov, 8 pp.
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For Reduced Manufacturing Losses in the
Cement Industry, 5 pp.
RUSSIAN, per, Tsement, No 2, Mar, Apr 1964,
pp 1, 2.
JPRS 25716

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JPRS 27061

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SC- 11255

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Sci
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Apr 63

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